**STARMARK SOFTWARE**

Starmark software is a product-based company situated in Bengaluru. The company was established in the year 2001. It is a CMM 3 level company with prime focus area in provider, patient and payer solutions across the healthcare chain.

The company has developed suite of products named Vitalaxis. VitalAxis develops and distributes laboratory informatics and other health care software solutions. It provides lab as well as physician solutions.

CPT refers to Current Procedural Terminology which identifies the service provided by the healthcare professional. ICD stands for International Code of diseases are used by physicians or medical coders to assign medical diagnoses to individual patients.

The labs are situated in US where pathology tests are performed. There are two types of labs: independent lab and physician owned lab(POL), independent labs are run privately by physician to perform tests and POL is a physician, partnership, or group-maintained laboratory that performs diagnostic tests or examines specimens in order to diagnose, prevent, and/or treat a disease or impairment in a patient as part of the physician practice. The doctor who suggests for the tests is known as referring physician and the doctor who takes the specimen (blood, urine etc) and thus forwards the specimen to lab is known as ordering physician. They can create electronic orders like ordering through tablet/touch

The specimen is transported to the labs through the company’s logistics and various other transport means such as FedEx, airways and car. The specimens are tracked through barcodes. There is planned pick up and drop off route based on package manifests across locations. The specimen reaches the lab within short span of time and the required tests are performed. The reports are then forwarded to the ordering specimen and further to the referring specimen.

Its key products include VitalDX, VitalMD, VitalCollect , VitalTrack, VitalCollect and VitalHub.

VitalDX

VitalDX is Laboratory Information Management System (LIMS) software. The product developed to effectively manage samples and associated data. It manages electronic orders, case workflow, structured diagnostics and report distribution.

VitalMD

VitalMD is Electronic Medical Record (EMR) system. It is defined as an electronic record of health-related information on an individual that can be created, gathered, managed, and consulted by authorized clinicians and staff within one health care organization. The product manages patient appointments, patient interaction for registration and lab referrals and test results. It collects family and patient medical history, diagnosis and medications. The product also submits prescriptions to patient’s pharmacy electronically after performing formulary checks. Approval of prescription refills right within software.

VitalTrack

VitalTrack is the product developed to keep track of the specimen movement, order. The specimen is barcoded in order to perform hands free operation. There are hubs situated at multiple locations, the specimen checks through respective hubs that lies on its way to the labs. It will help know what is always in transit. It will help configure and view daily route plans to optimize location visits.

VitalCollect

VitalCollect is Revenue Cycle Management (RCM) product used to manage revenue collection for the services provided. It is used to track the revenue from patients or insurance companies from initial appointment or encounter with the healthcare system to the final payment of balance.

VitalHub

VitalHub is the product developed in order to build communication between the internal software systems. It also helps build communication with physician.